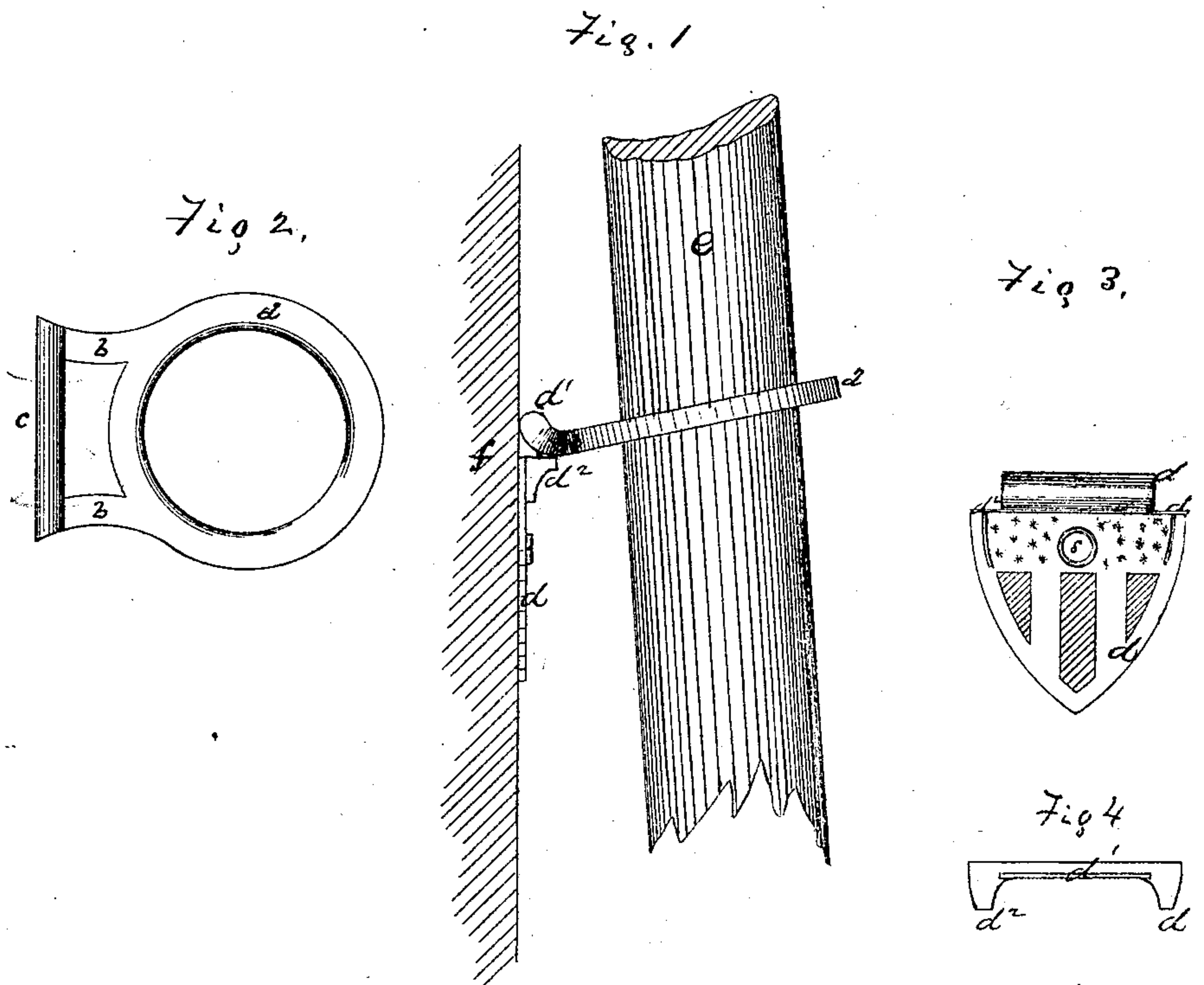


C. F. LEWIS.

Improvement in Broom-Hangers.

No. 132,089.

Patented Oct. 8, 1872.



Witnesses:

S. H. Heflin

Samuel H. Heflin

Inventor

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Solicitor

UNITED STATES PATENT OFFICE.

CHARLES F. LEWIS, OF WAKEMAN, OHIO.

IMPROVEMENT IN BROOM-HANGERS.

Specification forming part of Letters Patent No. 132,089, dated October 8, 1872.

To all whom it may concern:

Be it known that I, CHARLES F. LEWIS, of Wakeman, in the county of Huron and State of Ohio, have invented a new and useful Improved Suspension-Ring, of which the following is a specification, reference being had to the accompanying drawing, in which—

Figure 1 is a side view of the device attached to a vertical wall, with the handle of a broom suspended by it; Fig. 2 is a flatwise view of the ring used; Fig. 3 is a flatwise view of the escutcheon used to fasten the ring to the wall; and Fig. 4 is a top or upper-end view of the escutcheon.

The object and purpose of the invention are the furnishing of a ready, convenient, and cheap device for suspending a broom or the like.

The letter *a* indicates a metal ring having the two sharp arms *b b* united at their ends by the shaft *c*. The letter *d* indicates an escutcheon, of metal, with a clamping-flange, *d*¹, at the top, which fits against the shaft *c*; and this escutcheon and flange are so constructed with reference to the shaft *c* that when the escutcheon is fastened flatly and tightly against a wall, *f*, it will hold the ring *a* firmly at any desired angle of elevation. From each side of the escutcheon projects a little shelf, *d*², upon which bear the arms *b b*, and thus aid to

sustain the ring *a* at any desired angle of elevation. In order to make the hold of the escutcheon still more firm upon the ring the under sides of the arms *b* may be fitted with teeth to catch upon and against the little shelf *d*². The ring does not stand out horizontally from the vertical wall, but is elevated, more or less, at an angle thereto, according to the size of the handle to be suspended.

The smaller the diameter of the handle is with reference to the size of the ring the more the ring is to be elevated; but practically this elevation need not vary much, as broom-handles do not vary much in diameter. The elevation must be such that the handle *e* cannot hang exactly vertical, and then the effort of the broom to attain an exact perpendicular will cause it to pinch so tightly in the ring as to hold the broom suspended. The letter *s* indicates a hole for a screw or nail by which the escutcheon may be fastened to the wall.

I claim as my invention—

The ring *a* and supporting-plate *d* combined, substantially as described, for the purpose set forth.

CHARLES F. LEWIS.

Witnesses:

WM. E. SIMONDS,
FRANK G. FULLER.